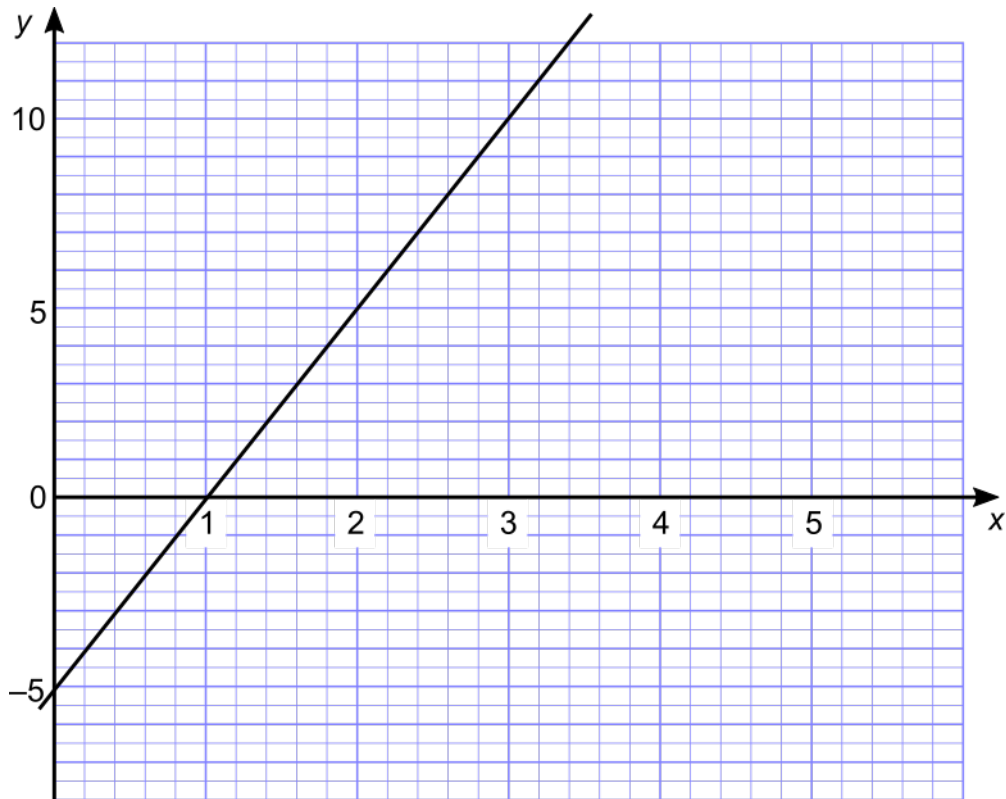# Simultaneous equations – 2

1.

(a) Write the equation of the line shown.

(b) Plot the function $y = 7 - x$ on the axes.

(c) Find the values of x & y that are solutions to both equations.

2. Plot the following graphs on the same axes for x in the range: –2 to +6.

$$y = 3x - 2 \qquad 2y = 7 - 3x$$

Find the solution to the two simultaneous equations using the graph.